

SOPRADRAIN

DMB

TECHNICAL DATA SHEET **260514SCANE**

(supersedes 260105SCANE)

DESCRIPTION

SOPRADRAIN DMB (*Dimpled Moisture Barrier*) is a high-density polyethylene panel with a dimpled design, used to provide drainage and moisture barrier for concrete foundation walls.

SURFACE PREPARATION

- Break off all ties and projections from the wall and clear stone and debris from the footing.
- Seal tie rod holes with mastic.
- Parge concrete block walls.

INSTALLATION

1. Chalk a line at finished grade around the foundation and run a generous bead of caulking 25 mm (1 in) below the line. The product must be installed below this line.
2. Working from left to right, unroll the board, dimples toward the wall, smooth tab at the top, following the chalk line. The board must cover the foundation walls extending from the base to the finished grade.
3. Fastening the panel:
 - 3a. attach the SOPRADRAIN DMB METAL FASTENERS 30 cm (12 in) from each other along the top of the membrane. Attach the metal fasteners to the two upper rows of dimples of the board so that the flat part of the fastener holds the smooth strip firmly to the wall. Hammer a 32 mm (1-¼ in) concrete nail in the centre of the small hole between the dimples. For treated wood foundations, use 41 mm (1-5/8 in) corrosion-resistant deck screws.
 - 3b. using SOPRADRAIN DMB PLUGS and nails, driven into the second and third rows of dimples 20 to 30 cm (8 to 12 in) from each other.
4. Secure the smooth tab using a SOPRADRAIN DMB MOULDING, mechanically fastened every 30 cm (12 in) at the top, to seals the open areas of the panel where dirt could fill the air gap and block the drainage path. No caulking is necessary if the SOPRADRAIN DMB MOULDING is used with SOPRADRAIN DMB METAL FASTENERS, as this moulding forms a continuous seal at the top of the panel.

For installation as a subfloor membrane, please refer to the product installation guide on the SOPREMA website.

LIMITATION

Products must not be exposed to weather conditions for an extended period. They should be progressively covered as they are installed. Once unpacked, it is recommended to limit their exposure to weather conditions to a maximum of 28 days.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

GENERAL INFORMATION

Specifications	SOPRADRAIN DMB	
Material	High density polyethylene	
Colour	Black	
Dimensions	Single tab (ST)	Double tabs (DT)
	1.65 x 20 m (5.5 x 65.6 ft) 1.83 x 20 m (6 x 65.6 ft) 1.98 x 20 m (6.6 x 65.6 ft) 2.07 x 20 m (6.95 x 65.6 ft) 2.21 x 20 m (7.3 x 65.6 ft) 2.44 x 20 m (8 x 65.6 ft)	2.44 x 20 m (8 x 65.6 ft)



Formerly known as RESISTO DRAINAGE BOARD

SOPRADRAIN DMB



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GENERAL INFORMATION *(continued)*

Specifications	SOPRADRAIN DMB
Material thickness	0.86 mm (34 mils)
Total thickness	6.11 mm (0.24 in)
Weight	0.65 kg/m ² (0.13 lb/ft ²)

PROPERTIES

Properties	Standards	SOPRADRAIN DMB
Thermal resistance	-	0.11 RSI / R 0.63
Water vapour permeability	ASTM E96	25.8 ng/Pa.s.m ² (0.452 perms)
Air volume/dimple side	-	4.0l/m ² (1 US gal/vg ²)
UV Stabilization	-	Contains a minimum of 1.5% carbon black
Compressive strength	ASTM D1621	150 kPa (3 133 psf)

(All values are nominal)

For CCMC product evaluation see CCMC Evaluation listings #14472-R (damproofing) and #14410-R (wall drainage systems).

STORAGE AND HANDLING

- Store rolls in an upright position to prevent damage. Do not double stack pallets.
- Store in a clean, dry location.
- Cover with an opaque protective cover as necessary to protect from any environmental damage such as UV, extreme cold, heat, moisture, and much more.
- Always keep away from flames and intense heat sources.

TESTS, CERTIFICATIONS AND EVALUATIONS



FOR MORE INFORMATION, REFER TO THE INSTRUCTIONS ON THE LABEL AND RELEVANT SAFETY DATA SHEET (SDS).



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture. This technical data sheet applies to products sold on the Canadian market only.